



Image

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 09/826,512

Filed: April 5, 2001

Title: Wiring Substrate, Method of Manufacturing Same, And Semiconductor Device

Inventors: Michio Horiuchi et al.

Examiner: Jose H. Alcala

Art Unit: 2827

Docket No.: 089-01

CERTIFICATE OF MAILING
DATE OF DEPOSIT: May 20, 2003

I Hereby Certify That this correspondence is being deposited with the United States Post Office as first class mail, under 37 CFR §1.8, postage prepaid in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown above.

*Name of person mailing paper or fee:
Denise Logan*

SIGNATURE: *Denise Logan*

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COVER LETTER WITH CERTIFICATE OF MAILING

Dear Sir:

Enclosed and attached hereto are the following documents:

- (1) Cover Letter with Certificate of Mailing (1 pg.);
- (2) Issue Fee Transmittal (1 pg.);
- (3) Check in the amount of \$1,600.00; and
- (4) Paul & Paul postcard to be returned by PTO.

The Commissioner is hereby authorized to charge any additional fees associated with this communication, or credit any overpayment, to PAUL & PAUL deposit account no. 16-0750. This letter is submitted in triplicate.

Respectfully submitted,

O. S. Ojan

Ourmazd S. Ojan
Reg. No. 38,065
Paul & Paul
2900 Two Thousand Market St.
Philadelphia, PA 19103
(215) 568-4900

Date: May 20, 2003

Order No. 1450

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231
Fax (703)746-4000

MAY 22 2003

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

02/27/2003

Paul & Paul
 2900 Two Thousand Market Street
 Philadelphia, PA 19103

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Denise Logan	(Depositor's name)
<i>Denise Logan</i>	(Signature)
May 20, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/826,512	04/05/2001	Michio Horiuchi	39-01	7877

TITLE OF INVENTION: WIRING SUBSTRATE, METHOD OF MANUFACTURING THE SAME AND SEMICONDUCTOR DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	05/27/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALCALA, JOSE H	2827	174-255000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Paul & Paul
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Shinko Electric Industries Co., Ltd.

Nagano, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☐ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

[Signature] May 20, 2003

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

05/23/2003 HVUONG2 00000015 09826512

01 FC:1504
02 FC:1501300.00 OP
1300.00 OP

TRANSMIT THIS FORM WITH FEE(S)